

REMARKS

Amendments

Amendments to the Claims

Applicant has amended the claims to more particularly point out what Applicant regards as the invention. Specifically, Applicant claims scaling portions of the I and P frames retrieved from decoded I and P frames, wherein the size of the retrieved I and P frame portions are based on the only predetermined portions of each B frame. No new matter has been added as a result of these amendments as these amendments are supported at page 6, paragraph 29.

Rejections

Rejections under 35 U.S.C. § 103

Claims 1-4 and 10-13

Claims 1-4 and 10-13 stand rejected under 35 U.S.C. § 103(a) as being obvious over Mochida, U.S. Patent No. 6,462,744 (previously cited) and Pearlstein, et al, U.S. Patent No. 6,385,248. Pearlstein qualifies as prior art only under 35 U.S.C. § 102(e) based on its issue date. Applicant does not admit that Pearlstein is prior art and reserves the right to swear behind the reference at a later date. Nevertheless, Applicant respectfully submits that the combination does not teach each and every element as claimed in the claims 1-4 and 10-13.

Mochida discloses an onscreen data video display system that determines which portions of a B frame will be replaced by the location and size of the onscreen data, and discards those pre-determined portions before decoding the video. Mochida also discloses that the video are scaled using horizontal filters 71 and 72 (Figure 8) according to a scaling ratio. Thus, Mochida discloses scaling the video horizontally.

Pearlstein discloses decoding portions of B frames that are viewed and discarding the B frame side panels that are not viewed. Discarding of the B frame panels is based on pan and scan information. Pearlstein further discloses a scaling circuit that converts stored image portions to a resolution at which the motion vectors are applied. The image

portions are stored at different resolutions and differing amounts to match the macroblock being processed.

Applicant claims decoding predetermined portions of the B frame, where the predetermined portions are determined by display resolution. The Examiner admits that Mochida does not disclose this claim limitation and relies on Pearlstein as disclosing it. However, Pearlstein discloses decoding predetermined portions of the B frames based on pan and scan information, and not by display resolution as claimed. Thus, Pearlstein cannot be properly interpreted as teaching or suggesting this claimed element.

Furthermore, Applicant claims scaling portions of the I and P frames retrieved from decoded I and P frames, wherein the size of the retrieved I and P frame portions are based on the only predetermined portions of each B frame. Mochida discloses only using scaling horizontally. Moreover, while Pearlstein discloses scaling stored image portions, Pearlstein does not teach or suggest scaling portions of the I and P frames retrieved from decoded I and P frames, wherein the size of the retrieved I and P frame portions are based on the only predetermined portions of each B frame as claimed. Therefore, neither Mochida nor Pearlstein teaches or suggests the claimed element.

Applicant respectfully submits that the combination of Mochida and Pearlstein cannot render obvious Applicant's claims 1-4 and 10-13. Accordingly, Applicant respectfully requests the withdrawal of the rejection of the claims under 35 U.S.C. § 103(a) over the combination.

Claims 5, 9, 14 and 15

Claims 5, 9, 14 and 15 stand rejected under 35 U.S.C. § 103(a) as being obvious over Mochida, Pearlstein, and Reitmeier, U.S. Patent No. 4,622,577 (previously cited). Applicant respectfully submits that the combination does not teach each and every element of claims 5, 9, 14 and 15.

Because Reitmeier is directed to analog video, Reitmeier cannot disclose decoding only portions of B-frames determined by display resolution as claimed. Therefore, because none of Mochida, Pearlstein, and Reitmeier teach or suggest this claimed element, the combination cannot render obvious Applicant's claims 5, 9, 14 and 15.

Accordingly, Applicant respectfully requests the withdrawal of the rejection of the claims under 35 U.S.C. § 103(a) over the combination.

Claims 16, 21, 22 and 25

Claims 16, 21, 22 and 25 stand rejected under 35 U.S.C. § 103(a) as being obvious over Mochida, Pearlstein, and Boyce, U.S. Patent No. 5,614,952 (previously cited). Applicant respectfully submits that the combination does not teach each and every element of claims 16, 21, 22 and 25.

Boyce is directed towards using two decoders to decode a high-definition digital video stream into two signals. However, there is no disclosure in Boyce that teaches or suggests scaling portions of decoded I and P frames retrieved from decoded I and P frames, wherein the retrieved I and P frame are based on a predetermined portion of each B frame as claimed in independent claims 16 and 25. Because Mochida and Pearlstein do not teach or suggest these claimed elements, the combination of Mochida, Pearlstein, and Boyce cannot render obvious Applicant's claims 16 and 25 and claims 21-22 that depend on claim 16.

Accordingly, Applicant respectfully requests the withdrawal of the rejection of the claims under 35 U.S.C. § 103(a) over the combination.

Claims 6, 17-20, 23 and 26-33

Claims 6, 17-20, 23 and 26-33 stand rejected under 35 U.S.C. § 103(a) as being obvious over Mochida, Pearlstein, Reitmeier and Boyce. Applicant respectfully submits that the combination of Mochida, Pearlstein, Reitmeier and Boyce does not teach or suggest each and every limitation of Applicant's claims 6, 17-20, 23 and 26-33.

None of the four references teach or suggest retrieving portions of decoded I and P frames for scaling based on a predetermined portion of each B frame as claimed. Therefore, the combination cannot be properly interpreted as doing so.

Therefore, the combination of Mochida, Pearlstein, Reitmeier and Boyce cannot render obvious Applicant's claims 6, 17-20, 23 and 26-33, and Applicant respectfully requests the withdrawal of the rejection of the claims under 35 U.S.C. § 103(a) over the combination.

Claims 8, 24 and 34

Claims 8, 24 and 34 stand rejected under 35 U.S.C. § 103(a) as being obvious over Mochida in combination of Official Notice that MPEG-2 is well known. However, Mochida does not disclose each and every limitation of claims 8, 24 and 34, and the assertion of Official Notice cannot fill the gaps. Therefore, the combination cannot render obvious Applicant's claims 8, 24 and 34, and Applicant respectfully requests the withdrawal of the rejection of the claims under 35 U.S.C. § 103(a) over the combination.

SUMMARY

Claims 1-34 are currently pending. In view of the foregoing amendments and remarks, Applicant respectfully submits that the pending claims are in condition for allowance. Applicant respectfully requests reconsideration of the application and allowance of the pending claims.

If the Examiner determines the prompt allowance of these claims could be facilitated by a telephone conference, the Examiner is invited to contact Eric Replogle at (408) 720-8300 x258.

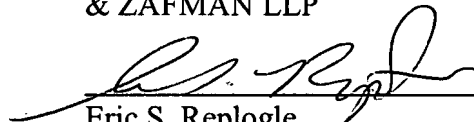
Deposit Account Authorization

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Applicant hereby requests such extension.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR
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